PATENT. 2/00/1/3

2123

1

MAR 2 6 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Application of:

Richard L. Klevins et al.

Serial No.:

09/849,010

Filing Date:

May 4, 2001

Group Art Unit:

Unknown

RECEIVED
APR 0 5 2000

Title:

METHOD AND SYSTEM FOR HARDWARE SIMULATION

Technology Center 2100

Honorable Assistant Commissioner for Patents

Washington, D.C. 20231

Dear Sir:

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 C.F.R. § 1.10 on the date indicated below and is addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231.

EL953669445 C

Express Mail No. 3-26-02-

Date of Signature

## INFORMATION DISCLOSURE STATEMENT

Applicants respectfully request, pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, that the reference listed on the attached PTO-1449 form be considered and cited examination of the above-identified patent application. Copies of these references are enclosed for the convenience of the Examiner. Furthermore, pursuant to 37 C.F.R. § 1.97(h), no representation is made that these references qualify as prior art or that these references are material to the patentability of the present application.

Pursuant to 37 C.F.R. § 1.97(b), Applicants believe that this Information Disclosure Statement has been filed before the mailing date of a first action. Therefore, Applicants

2

believe that no fee is due. However, if a fee is required, the Commissioner is hereby authorized to charge any fees or credit any overpayments to Deposit Account No. 02-0384 of Baker Botts L.L.P.

Respectfully submitted,

BAKER BOTTS L.L.P.

Attorneys Afor Applicants

Barton E. Showalter Reg. No. 38,302

2001 Ross Avenue Dallas, Texas 75201-2980 (214) 953-6509

Date: March 26, 2002

## CORRESPONDENCE ADDRESS:

Baker Botts L.L.P. 2001 Ross Avenue, Suite 600 Dallas, TX 75201-2980

DAL01:664883.1

| TO-14   | 149  |             |  | Application No.              |                    | Applicant(s)      |           | age 1 of                   |  |
|---|--|-------------|--|------------------------------|--------------------|-------------------|-----------|----------------------------|--|
| 1 1 U 1 T T J                                     |  |             |  | 09/849,010                   |                    | Klevens           |           |                            |  |
| Internation Disclosure Citation of an Application |  |             | 1  | Docket Number<br>064731.0171 | Group Art Unit     | Group Art Unit Fi |           | Filing Date<br>May 4, 2001 |  |
| MAR 2 6   | 2002   |             | U.S.   | PATENT DOCUM                 | <b>MENTS</b>       |                   |           |                            |  |
| RADE  | CUMENT NO. 5,461,624   | DATE        |  | NAME                         | CLASS              | SUBCLAS           | s FILING  | G DATI                     |  |
| A   | 5,461,624  | 10/24/95    |  | Mazzola                      | 370                | 85.13             | 08/1      | 1/94                       |  |
| В   | 5,229,990  | 07/20/93    |  | Teraslinna                   | 370                | 60                | 10/0      | 3/90                       |  |
| С   |  |             |  |                              |                    |                   |           |                            |  |
| D   |  |             |  |                              |                    |                   |           |                            |  |
| Е   |  |             |  |                              |                    |                   |           |                            |  |
| F   |  |             |  |                              |                    |                   |           |                            |  |
| G   |  |             |  |                              |                    | DECE              |           |                            |  |
| Н   |  |             |  |                              |                    | 1                 | ECEIVED   |                            |  |
| I   |  |             |  |                              |                    | APR 0 5 2002      |           |                            |  |
| J   |  |             |  |                              | Tec                | hnology Cer       | nter 2100 | er 2100                    |  |
| K   |  |             |  |                              |                    |                   |           |                            |  |
| L   |  |             |  |                              |                    |                   |           |                            |  |
|   |  | F           | OREI   | GN PATENT DOC                | CUMENTS            |                   |           |                            |  |
|   | DOCUMENT NO.   | DATE        |  | COUNTRY                      | CLASS              | SUBCLAS           | s TRANS   | LATIO                      |  |
| M   | WO 00/24164  | 04/27/00    | PCT  |                              | H04L 12/56         |                   | YES X     | NO                         |  |
| N   | WO 97/40610  | 10/30/97    | PCT  |                              | H04L 29/06         |                   | X         |                            |  |
|   | WO 00/21254  | 04/13/00    | PCT  |                              | H04L 12/56         | -                 | X         |                            |  |
| O<br>P  | WO 00/21234  | 04/13/00    | FCI  |                              | 1104L 12/30        |                   |           |                            |  |
| Q   |  |             | <del>                                     </del> | <u> </u>                     |                    |                   |           |                            |  |
|   | 1.000  | 1           | <u> </u>   |                              |                    |                   |           |                            |  |
|   | DOCUM  | IENT (Inclu | ding Aı  | thor, Title, Source,         | and Pertinent Page | es)               | DA        | TE                         |  |
| R   | PCT International Search Report No. PCT/US01/13724, dated November 30, 2001, 6 pages.  |             |  |                              |                    |                   | 11/30/00  |                            |  |
| S   | Birman A et al.: "Support for RSVP-Based Services Over ATM Networks," Communications: The Key to Global Prosperity. Globecom 1996. Global Internet 96 Conference Record. London, Nov. 18-22, 1996, Global Telecommunications Conference (Globecom, New York, IEEE, US,   |             |  |                              |                    |                   | 11/18/96  |                            |  |
| T   | vol. SUPP, 18, Nov. 1996 pages 10-15, XP000741665 ISBN: 0-7803-3337-3  Sharma et al.: "Scalable timers for soft state protocols," Infocom '97. Sixteenth Annual Joint Conference of the IEEE Computer and Communications Societies. Driving the Information Revolution., Proceedings IEEE Kobe, Japan 7-11 April 1997, Los Alamitos, CA USA, IEEE Comptu. Soc, US 7 April 1997, pgs. 222-229, XP010252006, ISBN: 0-8186-7780-5 |             |  |                              |                    |                   | 04/07/97  |                            |  |

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

| PTO- | 1449  |                     | Application No.   | 09/849,010         Klevens           Docket Number         Group Art Unit         F |                       | Applicant(s) Klevens    |              |  |  |
|------|---|---------------------|---|---|-----------------------|-------------------------|--------------|--|--|
| K    | nformation Disclosu<br>In an Applica                                  | re Citation<br>tion | Docket Number   |   |                       | Filing Date May 4, 2001 |              |  |  |
| PAR  | PARSON COMENT NO.   | U                   | J.S. PATENT DOCUM                                       | ENTS  |                       |                         |              |  |  |
| T.   | MADENE UMENT NO.  | DATE                | NAME  | CLASS   | SUBCLASS              | FILING                  | G DATE       |  |  |
| A    | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \                                 |                     |   |   |                       |                         |              |  |  |
| E    |   |                     |   |   |                       |                         |              |  |  |
| (    |   |                     |   |   | -                     |                         |              |  |  |
|      | )   |                     |   |   |                       |                         |              |  |  |
| F    | 3   |                     |   | -   |                       |                         |              |  |  |
| F    | 7   |                     |   |   |                       |                         |              |  |  |
|      | 3   |                     | · · · · · · · · · · · · · · · · · · ·                   |   |                       | -                       |              |  |  |
| I.   | i   |                     |   |   | R                     | ECEIV                   | ÆD.          |  |  |
| T    |   |                     |   |   |                       | PR 0 5 2                |              |  |  |
| J    |   |                     |   |   |                       |                         |              |  |  |
| K    |   |                     | N. Allender   |   | - techn               | ology Cent              | er 2100      |  |  |
| I    |   |                     |   |   |                       |                         |              |  |  |
| 1    |   | FOR                 | EIGN PATENT DOC   | UMENTS  |                       | •                       |              |  |  |
|      | DOCUMENT NO.  | DATE                | COUNTRY   | CLASS   | SUBCLASS              | TRANS                   | LATION       |  |  |
| N    | 1   |                     |   |   |                       | YES                     | NO           |  |  |
| N    |   |                     |   |   |                       |                         |              |  |  |
| 0    |   |                     |   |   |                       |                         |              |  |  |
| P    |   |                     |   |   |                       |                         |              |  |  |
| Q    | )   |                     |   |   |                       |                         |              |  |  |
|      |   |                     |   |   |                       |                         |              |  |  |
|      | DOCUM   | IENT (Including     | g Author, Title, Source, a                              | nd Pertinent Pa   | ges)                  | DATE                    |              |  |  |
| R    | International Search F 2002, 7 pages.                                 | Report in Internat  | ional Application. No. PC                               | T/US01/14626, d   | ated Feb. 5           | 02/0                    | 05/02        |  |  |
| S    | International Search F  | Report in Internat  | ional Application No. PC7                               | T/US01/14622, da  | ated February         |                         |              |  |  |
| Т    |   |                     | combined Connection-Orie                                |   |                       | 09/21                   | -26/97       |  |  |
|      | Network Evolution: C  | Convergence or C    | unications Congress. (Int'l ollision? Toronto, Sept. 21 | 1-26, 1997, ISS. V  |                       |                         |              |  |  |
| EXAN | Telecommunications  | Congress. (Intern   | ational Switching Sympos                                | ium)<br>CONSIDERED  |                       | 1                       |              |  |  |
|      |   |                     |   |   |                       |                         |              |  |  |
|      | NER: Initial if citation consider<br>red. Include copy of this form w |                     | tation is in conformance with MI ion to the applicant.  | PEP § 609. Draw line  | through citation if r | not in conforma         | ince and not |  |  |
|      |   |                     |   |   | I C DATENT AND        | TDADEMAL                | OFFICE       |  |  |

| PTO-1449 Application No. 09/849,01 |          |  |  |  |   |  |             |                           |  |
|------------------------------------|----------|--|--|--|---|--|-------------|---------------------------|--|
| I. f Dis als sure Oidadian         |          |  |  | Docket Number 064731.017   |   |  |             | iling Date<br>May 4, 2001 |  |
| <u>.</u>                           |          | 5 2002 E   | U  | .S. PATENT DO  | OCUMENTS  |  |             |                           |  |
| Per                                | TRAC     | EMPEUMENT NO.  | DATE   | NAME   | CLASS   | SUBCLASS   | FILING      | G DATE                    |  |
|                                    | A        |  |  |  |   |  |             |                           |  |
|                                    | В        |  |  |  |   |  |             |                           |  |
|                                    | С        |  |  |  |   |  |             |                           |  |
|                                    | D        |  |  |  |   |  |             |                           |  |
|                                    | Е        |  |  |  |   |  |             |                           |  |
|                                    | F        |  |  |  |   |  | !           |                           |  |
|                                    | G        |  |  |  |   |  |             |                           |  |
|                                    | Н        |  |  |  |   |  | CEIVE       |                           |  |
|                                    | I<br>J   |  |  |  |   | APR  | 0 5 2002    | 2                         |  |
|                                    | K        |  |  |  |   | Technolo   | gy Center 2 | 2100                      |  |
|                                    | L        |  |  | <del></del>  |   |  |             |                           |  |
|                                    |          |  |  |  |   |  |             |                           |  |
|                                    |          |  | FOR  | EIGN PATENT  | DOCUMENTS   |  |             |                           |  |
|                                    |          | DOCUMENT NO.   | DATE   | COUNTRY  | CLASS   | SUBCLASS   |             | LATION                    |  |
|                                    | M        |  |  |  |   |  | YES         | NO                        |  |
|                                    | N        |  |  |  |   |  |             |                           |  |
|                                    | 0        |  |  |  |   |  |             |                           |  |
|                                    | P        |  |  |  |   |  |             |                           |  |
|                                    | Q        |  |  |  |   | -  |             |                           |  |
|                                    |          |  |  |  |   | 1  | 1           |                           |  |
|                                    |          |  |  |  |   |  | <u> </u>    |                           |  |
|                                    | , D      |  | `  |  | urce, and Pertinent Pa  |  |             | ATE                       |  |
|                                    | R        | Mysore J. P. et al.: "Pe<br>Internet host mobility'<br>International Conferer  | erformance of tra ' Communication nce on Atlanta, G  | nsport protocols on<br>us, 1998. ICC 98. C<br>A, USA 7-11 June   | ver a multicasting-based<br>Conference Record. 1998<br>1998, New York, NY U   | architecture fr<br>B IEEE  |             | ATE<br>-11/98             |  |
|                                    | R        | Mysore J. P. et al.: "Per Internet host mobility! International Conferer 7 June 1998, pages 18  Bar-Noy A. et al.: "To Computer Communications of the communication of the commun | erformance of tra ' Communication nce on Atlanta, G 17-1823, XP0102 pology Distribut ations Review, A  | nsport protocols or<br>is, 1998. ICC 98. C<br>A, USA 7-11 June<br>284635, ISBN: 0-7<br>ion Cost Vs. Effici<br>ssociation for Con                     | ver a multicasting-based<br>Conference Record. 1998<br>1998, New York, NY U<br>803-4788-9<br>ent Routing in Large No<br>eputing Machinery, New  | architecture fr<br>3 IEEE<br>JSA, IEEE, US,<br>etworks,"<br>7 York, US, vol.                               | 06/7-       |                           |  |
|                                    |          | Mysore J. P. et al.: "Per Internet host mobility! International Conferer 7 June 1998, pages 18  Bar-Noy A. et al.: "To Computer Communication 20, no. 4, Sept. 1, 1990. International Search R   | erformance of tra<br>' Communication<br>nce on Atlanta, G<br>17-1823, XP0102<br>pology Distribut<br>ations Review, A<br>0, pages 242-252     | nsport protocols of as, 1998. ICC 98. CA, USA 7-11 June 284635, ISBN: 0-7 ion Cost Vs. Efficissociation for Com, XP000168058; IS                     | ver a multicasting-based<br>Conference Record. 1998<br>1998, New York, NY U<br>803-4788-9<br>ent Routing in Large Ne  | architecture fr<br>B IEEE<br>JSA, IEEE, US,<br>etworks,"<br>y York, US, vol.<br>document.                  | 06/7-       | -11/98                    |  |
| EX                                 | S        | Mysore J. P. et al.: "Per Internet host mobility! International Conferer 7 June 1998, pages 18  Bar-Noy A. et al.: "To Computer Communication 20, no. 4, Sept. 1, 1990 International Search R 2002, 7 pgs.   | erformance of tra<br>' Communication<br>nce on Atlanta, G<br>17-1823, XP0102<br>pology Distribut<br>ations Review, A<br>0, pages 242-252     | nsport protocols or is, 1998. ICC 98. CA, USA 7-11 June 284635, ISBN: 0-7 ion Cost Vs. Efficissociation for Com, XP000168058; Is onal Application I  | ver a multicasting-based<br>Conference Record. 1998<br>1998, New York, NY U<br>803-4788-9<br>ent Routing in Large New<br>ESSN: 0146-4833, whole   | architecture fr<br>B IEEE<br>JSA, IEEE, US,<br>etworks,"<br>y York, US, vol.<br>document.                  | 06/7-       | -11/98<br>,<br>01/90      |  |
| EXA                                | S T AMIN | Mysore J. P. et al.: "Per Internet host mobility! International Conferer 7 June 1998, pages 18  Bar-Noy A. et al.: "To Computer Communication 20, no. 4, Sept. 1, 1990 International Search R 2002, 7 pgs.   | erformance of tra ' Communication nce on Atlanta, G 17-1823, XP0102 pology Distribut ations Review, A 0, pages 242-252 Leport in Internation | nsport protocols or is, 1998. ICC 98. CA, USA 7-11 June 284635, ISBN: 0-7 ion Cost Vs. Effici ssociation for Com, XP000168058; Is onal Application I | ver a multicasting-based<br>Conference Record. 1998,<br>1998, New York, NY U<br>803-4788-9<br>ent Routing in Large No<br>aputing Machinery, New<br>SSN: 0146-4833, whole<br>No. PCT/US01/13694, d | architecture fr<br>3 IEEE<br>JSA, IEEE, US,<br>etworks,"<br>/ York, US, vol.<br>document.<br>ated Mar. 12, | 06/7-       | 01/90                     |  |

| Information Disclosure Citation   Odd   Odd | O Plan Application |   |      | Application No. 09/849,010 | Applicant(s) Klevens |              |           |          |  |
|---|--------------------|---|------|----------------------------|----------------------|--------------|-----------|----------|--|
| DOCUMENT NO.   DATE   NAME   CLASS   SUBCLASS   FILING DATE   |                    |   |      | Docket Number              | Group Art Unit       | i F          |           |          |  |
| B   | MAR 2              | 2 6 2002  | U.   | S. PATENT DOCUM            | ENTS                 |              |           |          |  |
| B   | Tana,              | POCT MENT NO.   | DATE | NAME                       | CLASS                | SUBCLAS      | FILIN     | G DATE   |  |
| B   | A                  |   |      |                            |                      |              |           |          |  |
| D   |                    |   |      |                            |                      |              |           |          |  |
| E   | С                  |   |      |                            |                      |              |           |          |  |
| F   G   | D                  |   |      |                            |                      |              |           |          |  |
| H   | Е                  |   |      |                            |                      |              |           |          |  |
| J   | F                  |   |      |                            |                      | 0            |           |          |  |
| J   | G                  |   |      |                            |                      | MEC          | EIVED     |          |  |
| J   | Н                  |   |      |                            |                      | APR (        | 5 2002    |          |  |
| K   | I                  |   |      |                            |                      | Technology ( | 16040     |          |  |
| L   | J                  |   |      |                            |                      |              | "ie/ 2100 | )        |  |
| FOREIGN PATENT DOCUMENTS  | K                  |   |      |                            |                      |              |           |          |  |
| DOCUMENT NO.         DATE         COUNTRY         CLASS         SUBCLASS         TRANSLATION           M         N         O  | L                  |   |      |                            |                      |              |           |          |  |
| M CLASS SUBCLASS YES NO  N O  |                    |   | FOR  | EIGN PATENT DOC            | UMENTS               |              |           |          |  |
| M N O O O O O O O O O O O O O O O O O O   |                    | DOCUMENT NO.  | DATE | COUNTRY                    | CLASS                | SUBCLAS      | TRANS     | LATION   |  |
| N O   | M                  |   |      |                            |                      |              | YES       | NO       |  |
| 0   |                    |   |      |                            |                      |              |           |          |  |
|   |                    |   |      |                            |                      |              |           |          |  |
|   | P                  |   |      |                            |                      |              |           |          |  |
|   | -Q $+$             |   |      | N-Marie                    |                      |              |           |          |  |
|   |                    |   |      |                            |                      |              |           |          |  |
| DOCUMENT (Including Author, Title, Source, and Pertinent Pages)  DATE   |                    | DOCUMENT (Including Author, Title, Source, and Pertinent Pages)   |      |                            |                      |              |           |          |  |
| R Fritz J: "Bullet Proofing ATM: Part I," Byte, McGraw-Hill Inc. St. Peterborough, US, vol. 22, no. 6, 1 June 1997, pages 59-60, XP000691556, ISSN: 0360-5280, page 60.   |                    |   |      |                            |                      |              |           | 06/01/97 |  |
| S Sun H. et al.: "Supporting IP on the ATM networks: an overview," Computer Communications, Elsevier Science Publishers BV, Amsterdam, NL, vol. 21, no. 11, 10 August 1998, pages 1020- 1029, XP004138773, ISSN: 0140-3664, whole document.   | S                  | Sun H. et al.: "Supporting IP on the ATM networks: an overview," Computer Communications, Elsevier Science Publishers BV, Amsterdam, NL, vol. 21, no. 11, 10 August 1998, pages 1020- |      |                            |                      |              |           | 08/10/98 |  |
| T DATE CONSIDERED   |                    | ER  |      | DATEC                      | CONSIDERED           |              |           |          |  |
|   |                    |   |      |                            |                      |              |           |          |  |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.   |                    |   | _    |                            |                      |              |           |          |  |